

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1354	700/17,49,80.ccls.	US-PGPUB; USPAT	OR	ON	2009/08/23 23:37
S150	34	("20020019672" "20020022894" "20020022895" "20020055790" "20020077711" "20020193888" "20030014500" "20030028269" "20030153988" "20030191803" "20030236576" "20040075689" "20040153804" "20040199925" "20050197803" "20050197805" "20050197806" "5168441" "5611059" "5631825" "5680409" "5706455" "5841654" "5926177" "6,173,208" "6,362,839" "6,385,496" "6,396,516" "6,445,963" "6,571,133" "6,587,108" "6,618,630" "6,633,782" "6,691,280").pn.	US-PGPUB; USPAT	OR	ON	2009/08/23 20:45
S151	4519	700/9,17,49,79,80,108-110.ccls.	US-PGPUB; USPAT	OR	ON	2009/08/23 20:45
S152	9509	707/104.1.ccls.	US-PGPUB; USPAT	OR	ON	2009/08/23 20:45
S153	1236	706/47,60.ccls.	US-PGPUB; USPAT	OR	ON	2009/08/23 20:45
S154	4539	702/182-185.ccls.	US-PGPUB; USPAT	OR	ON	2009/08/23 20:45
S155	120	715/965.ccls.	US-PGPUB; USPAT	OR	ON	2009/08/23 20:45
S156	1394	703/6.ccls.	US-PGPUB; USPAT	OR	ON	2009/08/23 20:45
S157	20713	S150 S151 S152 S153 S154 S155 S156	US-PGPUB; USPAT	OR	ON	2009/08/23 20:45
S158	19382	S150 S151 S152 S153 S154 S155	US-PGPUB; USPAT	OR	ON	2009/08/23 20:45

S159	63	S158 and S156	US-PGPUB; USPAT	OR	ON	2009/08/23 20:45
S160	173	S158 and (S156 or 700/49.ccls.)	US-PGPUB; USPAT	OR	ON	2009/08/23 20:45
S161	970	S158 and (rule with (abnormal\$4 or malfunction\$3 or mal-function\$3 or alarm\$3 or warn\$3 or alert\$3 or emergency or fault\$3 or fail\$3 or diagnostic))	US-PGPUB; USPAT	OR	ON	2009/08/23 20:45
S162	35	S160 and S154	US-PGPUB; USPAT	OR	ON	2009/08/23 20:45
S163	189	S158 and (rule with (abnormal\$4 or malfunction\$3 or mal-function\$3 or alarm\$3 or warn\$3 or alert\$3 or emergency or fault\$3 or fail\$3 or diagnostic)).clm.	US-PGPUB; USPAT	OR	ON	2009/08/23 20:45
S164	298	S158 and (rule near4 (template or version\$3))	US-PGPUB; USPAT	OR	ON	2009/08/23 20:45
S165	105	S161 and S164	US-PGPUB; USPAT	OR	ON	2009/08/23 20:45
S166	75	S158 and (rule near4 (template or version\$3)).clm.	US-PGPUB; USPAT	OR	ON	2009/08/23 20:45
S167	105	S165 and L20	US-PGPUB; USPAT	OR	ON	2009/08/23 20:45
S168	27	S165 and S166	US-PGPUB; USPAT	OR	ON	2009/08/23 20:45
S174	14	S173 and (expert adj2 rule)	US-PGPUB; USPAT	OR	ON	2009/08/23 20:45
S175	3	S173 and (expert adj2 rule).clm.	US-PGPUB; USPAT	OR	ON	2009/08/23 20:45
S176	1	S175 and (database).clm.	US-PGPUB; USPAT	OR	ON	2009/08/23 20:45
S177	3	S175 and (abnormal).clm.	US-PGPUB; USPAT	OR	ON	2009/08/23 20:45

S178	34	("20020019672" "20020022894" "20020022895" "20020055790" "20020077711" "20020193888" "20030014500" "20030028269" "20030153988" "20030191803" "20030236576" "20040075689" "20040153804" "20040199925" "20050197803" "20050197805" "20050197806" "5168441" "5611059" "5631825" "5680409" "5706455" "5841654" "5926177" "6,173,208" "6,362,839" "6,385,496" "6,396,516" "6,445,963" "6,571,133" "6,587,108" "6,618,630" "6,633,782" "6,691,280").pn.	US- PGPUB; USPAT	OR	ON	2009/08/23 20:45
S179	8	S178 and (expert and rule)	US- PGPUB; USPAT	OR	ON	2009/08/23 20:45
S180	10	S178 and template	US- PGPUB; USPAT	OR	ON	2009/08/23 20:45
S181	1	S178 and ((expert or rule or fact) with template)	US- PGPUB; USPAT	OR	ON	2009/08/23 20:45
S182	0	S178 and ((expert or rule or fact) with version)	US- PGPUB; USPAT	OR	ON	2009/08/23 20:45
S183	0	S178 and ((expert or rule or fact) with version\$3)	US- PGPUB; USPAT	OR	ON	2009/08/23 20:45
S184	8	S178 and ((library or database) with template)	US- PGPUB; USPAT	OR	ON	2009/08/23 20:45
S185	1	S178 and ((expert or rule or fact) with (track\$3 or date))	US- PGPUB; USPAT	OR	ON	2009/08/23 20:45
S186	30	S178 and (version\$3 or track\$3)	US- PGPUB; USPAT	OR	ON	2009/08/23 20:45
S187	17	S178 and (version\$3)	US- PGPUB; USPAT	OR	ON	2009/08/23 20:45
S188	1	"20020022894".pn.	US- PGPUB; USPAT	OR	ON	2009/08/23 20:45
S189	2316	700/49-51,108-110.ccls.	US- PGPUB; USPAT	OR	ON	2009/08/23 20:45

S190	34	("20020019672" "20020022894" "20020022895" "20020055790" "20020077711" "20020193888" "20030014500" "20030028269" "20030153988" "20030191803" "20030236576" "20040075689" "20040153804" "20040199925" "20050197803" "20050197805" "20050197806" "5168441" "5611059" "5631825" "5680409" "5706455" "5841654" "5926177" "6,173,208" "6,362,839" "6,385,496" "6,396,516" "6,445,963" "6,571,133" "6,587,108" "6,618,630" "6,633,782" "6,691,280").pn.	US- PGPUB; USPAT	OR	ON	2009/08/23 20:45
S191	4519	700/9,17,49,79,80,108-110.ccls.	US- PGPUB; USPAT	OR	ON	2009/08/23 20:45
S192	9509	707/104.1.ccls.	US- PGPUB; USPAT	OR	ON	2009/08/23 20:45
S193	1236	706/47,60.ccls.	US- PGPUB; USPAT	OR	ON	2009/08/23 20:45
S194	4539	702/182-185.ccls.	US- PGPUB; USPAT	OR	ON	2009/08/23 20:45
S195	120	715/965.ccls.	US- PGPUB; USPAT	OR	ON	2009/08/23 20:45
S196	19382	S190 S191 S192 S193 S194 S195	US- PGPUB; USPAT	OR	ON	2009/08/23 20:45
S197	19586	S190 S191 S192 S193 S194 S195 or S189	US- PGPUB; USPAT	OR	ON	2009/08/23 20:45
S198	1680	S197 and ((rule or if or then or fuzzy or chaining) with (abnormal \$4 or malfunction\$3 or mal- function\$3 or alarm\$3 or warn\$3 or alert\$3 or emergency or fault \$3 or fail\$3 or diagnostic or error or correct\$3))	US- PGPUB; USPAT	OR	ON	2009/08/23 20:45
S199	1679	S197 and ((rule or fuzzy-logic or fuzzylogic or chaining or fuzzy or fuzzy-rule or fuzzyrule or fuzzif\$5 or fuzzification or forward-chain\$3 or backward-chain\$3) with (abnormal\$4 or malfunction\$3 or mal-function\$3 or alarm\$3 or warn \$3 or alert\$3 or emergency or fault\$3 or fail\$3 or diagnostic or error or correct\$3))	US- PGPUB; USPAT	OR	ON	2009/08/23 20:45

S200	2131	S197 and ((rule or fuzzy-logic or fuzzylogic or chaining or fuzzy or fuzzy-rule or fuzzyrule or fuzzif\$5 or fuzzification or forward-chain\$3 or backward-chain\$3) with (abnormal\$4 or malfunction\$3 or mal-function\$3 or alarm\$3 or warn\$3 or alert\$3 or emergency or fault\$3 or fail\$3 or diagnostic or error or correct\$3 or runaway or run-away or kill or out-of-bound or USL or LSL or rang\$3 or limit or deviat\$3 or toleranc\$3 or tolerant))	US-PGPUB; USPAT	OR	ON	2009/08/23 20:45
S201	2117	S197 and ((rule or fuzzy-logic or fuzzylogic or fuzzy or fuzzy-rule or fuzzyrule or fuzzif\$5 or fuzzification) with (abnormal\$4 or malfunction\$3 or mal-function\$3 or alarm\$3 or warn\$3 or alert\$3 or emergency or fault\$3 or fail\$3 or diagnostic or error or correct\$3 or runaway or run-away or kill or out-of-bound or USL or LSL or rang\$3 or limit or deviat\$3 or toleranc\$3 or tolerant))	US-PGPUB; USPAT	OR	ON	2009/08/23 20:45
S202	14	S200 not S201	US-PGPUB; USPAT	OR	ON	2009/08/23 20:45
S203	938	S201 and ("700"/\$.ccls. or S194)	US-PGPUB; USPAT	OR	ON	2009/08/23 20:45
S204	407	S197 and ((rule or fuzzy-logic or fuzzylogic or fuzzy or fuzzy-rule or fuzzyrule or fuzzif\$5 or fuzzification) with (abnormal\$4 or malfunction\$3 or mal-function\$3 or alarm\$3 or warn\$3 or alert\$3 or emergency or fault\$3 or fail\$3 or diagnostic or error or correct\$3 or runaway or run-away or kill or out-of-bound or USL or LSL or rang\$3 or limit or deviat\$3 or toleranc\$3 or tolerant)).clm.	US-PGPUB; USPAT	OR	ON	2009/08/23 20:45
S205	223	S204 and ("700"/\$.ccls. or S194)	US-PGPUB; USPAT	OR	ON	2009/08/23 20:45
S206	75	S204 and (engine).clm.	US-PGPUB; USPAT	OR	ON	2009/08/23 20:45
S208	1	"6633782".pn.	US-PGPUB; USPAT	OR	ON	2009/08/23 20:45

S209	1	"6298454".pn.	US-PGPUB; USPAT	OR	ON	2009/08/23 20:45
S210	2	S208 or S209	US-PGPUB; USPAT	OR	ON	2009/08/23 20:45
S211	2	S210 and (expert or engine)	US-PGPUB; USPAT	OR	ON	2009/08/23 20:45
S212	1	S210 and (rule)	US-PGPUB; USPAT	OR	ON	2009/08/23 20:45
S213	310	(FISHER-ROSEMOUNT adj2 SYSTEMS).as. or (FISHER adj2 ROSEMOUNT adj2 SYSTEMS).as.	US-PGPUB; USPAT	OR	ON	2009/08/23 20:45
S214	10	S213 and ((rule or fuzzy-logic or fuzzylogic or fuzzy or fuzzy-rule or fuzzyrule or fuzzif\$5 or fuzzification) with (abnormal\$4 or malfunction\$3 or mal-function\$3 or alarm\$3 or warn\$3 or alert\$3 or emergency or fault\$3 or fail\$3 or diagnostic or error or correct\$3 or runaway or run-away or kill or out-of-bound or USL or LSL or rang\$3 or limit or deviat\$3 or toleranc\$3 or tolerant)).clm.	US-PGPUB; USPAT	OR	ON	2009/08/23 20:45
S215	5	S214 and (engine).clm.	US-PGPUB; USPAT	OR	ON	2009/08/23 20:45
S216	1	"6633782".pn. and (configur\$5 or arrang\$5 or database or database or represent\$4 or model\$4 or simulat\$4)	US-PGPUB; USPAT	OR	ON	2009/08/23 20:45
S217	1	"6633782".pn. and (configur\$5 or arrang\$5 or database or database or represent\$4 or model\$4 or simulat\$4).clm.	US-PGPUB; USPAT	OR	ON	2009/08/23 20:45
S218	37	S205 and (engine).clm.	US-PGPUB; USPAT	OR	ON	2009/08/23 20:45

### EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	1365	700/17,49,80.ccls.	US-PGPUB; USPAT; UPAD	OR	ON	2009/08/23 23:37
L3	10355	707/104.1.ccls.	US-PGPUB; USPAT; UPAD	OR	ON	2009/08/23 23:37
L4	1240	706/47.ccls.	US-PGPUB; USPAT; UPAD	OR	ON	2009/08/23 23:37

L5	912	702/185.ccls.	US-PGPUB; USPAT; UPAD	OR	ON	2009/08/23 23:37
L6	120	715/965.ccls.	US-PGPUB; USPAT; UPAD	OR	ON	2009/08/23 23:37
L7	13900	L2 L3 L4 L5 L6	US-PGPUB; USPAT; UPAD	OR	ON	2009/08/23 23:38
L8	270	L7 and ((rule or fuzzy-logic or fuzzylogic or fuzzy or fuzzy-rule or fuzzyrule or fuzzif\$5 or fuzzification) with (abnormal\$4 or malfunction\$3 or malfunction\$3 or alarm\$3 or warn\$3 or alert\$3 or emergency or fault\$3 or fail\$3 or diagnostic or error or correct\$3 or runaway or run-away or kill or out-of-bound or USL or LSL or rang\$3 or limit or deviat\$3 or toleranc\$3 or tolerant)).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2009/08/23 23:39
L9	12	L7 and ((rule or fuzzy-logic or fuzzylogic or fuzzy or fuzzy-rule or fuzzyrule or fuzzif\$5 or fuzzification) with (abnormal\$4 or malfunction\$3 or malfunction\$3 or alarm\$3 or warn\$3 or alert\$3 or emergency or fault\$3 or fail\$3 or diagnostic or error or correct\$3 or runaway or run-away or kill or out-of-bound or USL or LSL or rang\$3 or limit or deviat\$3 or toleranc\$3 or tolerant) with expert).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2009/08/23 23:40
L10	17	L7 and (((rule or fuzzy-logic or fuzzylogic or fuzzy or fuzzy-rule or fuzzyrule or fuzzif\$5 or fuzzification) with (abnormal\$4 or malfunction\$3 or malfunction\$3 or alarm\$3 or warn\$3 or alert\$3 or emergency or fault\$3 or fail\$3 or diagnostic or error or correct\$3 or runaway or run-away or kill or out-of-bound or	US-PGPUB; USPAT; UPAD	OR	ON	2009/08/23 23:42

		USL or LSL or rang\$3 or limit or deviat\$3 or toleranc\$3 or tolerant)) same expert).clm.				
L11	41	L7 and (((rule or fuzzy-logic or fuzzylogic or fuzzy or fuzzy-rule or fuzzyrule or fuzzif\$5 or fuzzification) with (abnormal\$4 or malfunction\$3 or malfunction\$3 or alarm\$3 or warn\$3 or alert\$3 or emergency or fault\$3 or fail\$3 or diagnostic or error or correct\$3 or runaway or run-away or kill or out-of-bound or USL or LSL or rang\$3 or limit or deviat\$3 or toleranc\$3 or tolerant)) same (expert or engine or inference-engine)).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2009/08/23 23:43
L12	18	L11 and (model\$4 or simulat\$4 or CAD or represent\$6).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2009/08/23 23:44

8/ 23/ 09 11:49:48 PM

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